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Frank C. Eisenschenk
Frank C. Eisenschenk, Ph.D., Patent Attorney

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INFORMATION DISCLOSURE
STATEMENT
Examining Group 1645
Patent Application
Docket No. UF-265CXCD1
Serial No. 10/617,846

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit : 1645
Applicant : Julie A. Johnson
Serial No. : 10/617,846
Filed : July 10, 2003
Confirm. No. : 8218
For : Beta-Adrenoceptor Genetic Polymorphisms and Obesity

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§1.97 AND 1.98

Sir:

In accordance with 37 CFR §§1.97 and 1.98, Applicant would like to bring to the attention of the Examiner, the references cited in the following patent application:

U.S. Serial No. 10/075,490, filed February 12, 2002.

The subject application, Serial No. 10/617,846, claims the benefit under 35 USC §120 of the filing date of patent application Serial No. 10/075,490. Applicant respectfully requests that the copies of references supplied in the Information Disclosure Statement of the 10/075,490 application, as well as any references cited during the prosecution thereof, be made of record in the 10/617,846 application. As copies of the references made of record in the 10/075,490 application, and cited on the attached form PTO/SB/08, can be found in the 10/075,490 casefile, copies of those references are not provided herewith.

It is respectfully requested that the references cited on the attached form PTO/SB/08 be considered in the examination of the subject application and that their consideration be made of record.

Applicant respectfully asserts that the substantive provisions of 37 CFR §§1.97 and 1.98 are met by the foregoing statements.

Respectfully submitted,



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Attachment: Form PTO/SB/08

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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/617,846
Sheet	1	of	3	Filing Date	July 10, 2003
				First Named Inventor	Julie A. Johnson
				Art Unit	1645
				Examiner Name	Not yet assigned
				Attorney Docket Number	UF-265CXCD1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	U1	US-			
	U2	US-			
	U3	US-			
	U4	US-			
	U5	US-			
	U6	US-			
	U7	US-			
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	U14	US-			
	U15	US-			
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	U17	US-			
	U18	US-			
	U19	US-			
	U20	US-			

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)			
	F1	WO 01/06910 A3	02-01-2001	U of Cincinnati Genaissance Pharmaceuticals, Inc.	All
	F2	WO 01/79252 A1	10-25-2001	Max-Delbrück-Centrum Für Molekulare Medizin	All
	F3	WO 01/11039 A2	02-15-2001		All
	F4				
	F5				
	F6				
	F7				
	F8				
	F9				
	F10				

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¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
Sheet	2	of	3	Application Number	10/617,846
				Filing Date	July 10, 2003
				First Named Inventor	Julie A. Johnson
				Group Art Unit	1645
				Examiner Name	Not yet assigned
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NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
	R1	Bengtsson, Kristina <i>et al.</i> , "Polymorphism in the β_1 - Adrenergic Receptor Gene and Hypertension", <i>Circulation</i> (2001) 104:187-190; Pub: American Heart Association, Inc.			
	R2	Büscher, R. <i>et al.</i> , "In-Vivo Studies do not Support a Major Functional Role for the Gly389Arg $\beta 1$ -adrenoceptor Polymorphism in Humans," <i>Pharmacogenetics</i> (2001) 11(3):199-205; Pub: Lippincott Williams & Wilkins			
	R3	Dishy, Victor <i>et al.</i> , "The Effect of Common Polymorphisms of the β_2 - Adrenergic Receptor on Agonist-Mediated Vascular Desensitization", <i>The New England Journal of Medicine</i> (2001) 345(14):1030-1035; Pub: Massachusetts Medical Society			
	R4	Dishy, V. <i>et al.</i> , "ARG389HLY Beta-1 Adrenoceptor Polymorphism Does Not Affect Agonist-Mediated Responses <i>in Vivo</i> ", <i>Clin. Pharmacology & Therapeutics</i> (2001) 69(2):P5 at PI-17; Pub: American Society for Clinical Pharmacology and Therapeutics			
	R5	Green, Stuart A. <i>et al.</i> , "The Ile164 β_2 - adrenoceptor polymorphism alters salmeterol exosite binding and conventional agonist coupling to G_s ", <i>European Journal of Pharmacology</i> (2001) 421:141-147; Pub: Elsevier Science B.V.			
	R6	Humma, Larisa M. <i>et al.</i> , "Effects of Beta ₁ - Adrenoceptor Genetic Polymorphisms on Resting Hemodynamics in Patients Undergoing Diagnostic Testing for Ischemia", <i>The American Journal of Cardiology</i> (2001) 88:1034-1037; Pub: Excerpta Medica, Inc.			
	R7	Jia, Haiyan <i>et al.</i> , "Association of the $G_s\alpha$ Gene with Essential Hypertension and Response to β -Blockade," <i>Hypertension</i> (1999) 34(1):8-14; Pub: American Heart Association, Inc.			
	R8	Jia, Haiyan <i>et al.</i> , " β_2 - Adrenoceptor gene polymorphisms and blood pressure variations in East Anglian Caucasians", <i>Journal of Hypertension</i> (2000) 18(6): 687-693; Pub: Lippincott Williams & Wilkins			
	R9	Johnson, Julie A. <i>et al.</i> , "Metoprolol Minimizes Nighttime Blood Pressure Dip in Hypertensive Black Males, <i>Am. J. Hypertens.</i> (1995) 8(3):254-259; Pub: American Journal of Hypertension, Ltd.			
	R10	Moore, J.D., <i>et al.</i> , "Racial Differences in the Frequencies of Cardiac $\beta(1)$ -Adrenergic Receptor Polymorphisms: Analysis of c145A>G and c1165G>C," <i>Hum Mutat</i> (1999) 14(3):271 [Mutat. & Polymorph. Report #65] Pub: Online			
	R11	Schäfers, Rafael F. <i>et al.</i> , "Haemodynamic characterization of young normotensive men carrying the 825T-allele of the G-protein β_3 subunit", <i>Pharmacogenetics</i> (2001) 11:461-470; Pub: Lippincott Williams & Wilkins			
	R12	Siffert, W., <i>et al.</i> , "Worldwide Ethnic Distribution of the G Protein $\beta 3$ Subunit 825T Allele and its Association with Obesity in Caucasian, Chinese, and Black African Individuals," <i>J Am. Soc. Nephrol.</i> (1999) 10(9):1921-30; Pub: American Society of Nephrology			
	R13	Waltman, Claire, <i>et al.</i> , "Polymorphism of the Gene Encoding the Alpha Subunit of the Stimulatory G-Protein of Adenylyl Cyclase (GNAS1)" <i>Hum Genet</i> (1994) 93(4):477-8; Pub: Springer-Verlag			

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NON PATENT LITERATURE DOCUMENTS				
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	R14	Xie, H.G. et al., "Beta-1 and Beta-2 Adrenergic Receptor (BAR) Polymorphisms and Obesity in African-Americans (AA) and Caucasian-Americans (CA)", <i>Clin. Pharmacol. & Ther.</i> (Feb. 2001) P74 at PIII-40; Pub: American Society for Clinical Pharmacology and Therapeutics		
	R15	Xie, H.G. et al., "Interethnic Differences in β 2 Adrenoceptor Polymorphisms in African-American, Caucasian and Chinese Populations" (abstract), <i>Clin. Pharmacol. & Ther.</i> (Feb. 1999) 65(2):133 at PI-65; Pub: Mosby, Inc.		
	R16	Taylor, D.R., et al., "The Influence of Polymorphism at Position 16 of the β_2 -Adrenoceptor on the Development of Tolerance to β -agonist," <i>Journal of Asthma</i> , 2000, pp. 691-700, vol. 37 no. 8, Marcel Dekker, Inc.		
	R17	Maqbool et al., "Common polymorphisms of B1 adrenoceptor: identification and rapid screening assay," <i>Lancet</i> 1999, Vol. 353, p. 897.		
	R18	Mason et al., "A gain-of-function polymorphism in a G-protein coupling domain of the human B1 adrenergic receptor" <i>J. Biol. Chem.</i> 1999, Vol. 274, pp. 12670-12674.		
	R19	Börjesson, M, et al., "A novel polymorphism in the gene coding for the beta ₁ -adrenergic receptor associated with the survival in patients with heart failure," <i>Euro. Heart J.</i> 2000, Vol. 21, pp. 1853-1858; The European Society of Cardiology.		
	R20			
	R21			
	R22			
	R23			
	R24			
	R25			
	R26			

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